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Post-processing: Minimum Match 0%
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Match
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1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/Dackfiles1.seq:*
   IDENTITY_NUC Gapop 10.0 , Gapext 1.0
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US-08-96-517-29
US-08-98-18-178A-36
US-08-488-177-3-36
US-08-481-072A-36
US-08-481-066A-36
US-08-578-615A-36
PCT-US93-02213-36
PCT-US93-02213-36
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99.ct99	atc	T 1  S92-10024-8/c  uence 8, Applicat.  MERAL INFORMATION  APPLICANT: Chang  TITLE OF INVENTIO)  TITLE OF INVENTIO  CITY: HOUSEON  STATE: Texas  COUNTRY: HOUSEON  STATE: Texas  COUNTRY: USA  ZIP: 77025  COMPUTER READABLE  MEDIUM TYPE: D.  COMPUTER: IBM I  OPERATING SYSTE  SOFTWARE: WOO'D  APPLICATION NUM  FILING DATE: 1:  CLASSIFICATION NUM  FILING DATE: IIN  NAME: MIADEL:  NAME: MIADEL:  APPLICATION NUM  FILING DATE: IIN  REGISTRATION NUM  FILING DATE: IIN  REGISTRATION NUM  FILING DATE: IIN  TELEPHONE: (713)  REGISTRATION IND  TELEPHONE: (713)  FORMATION FOR SEQ  SEQUENCE CHARACTES:  TYPE: NUCLEIC &  STRANDEDNESS: (		
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                                                                                                                                                                                                                                     Patent No. 6030830 GENERAL INFORMATION:
                                                                                                                                                                                                                                                            Sequence 64, Application US/08911894 Patent No. 6030830
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Best Local Similarity
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GENERAL INFORMATION:
APPLICANT: Chang, Tse Wen
TITLE OF INVENTION: ANTI-SENSE OLIGONUCLEOTIDES FOR ISOTYPE-SPECIFIC
TITLE OF INVENTION: SUPPRESSION OF IMMUNOGLOBULIN PRODUCTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/07/794
FILING DATE: 11/18/91
ATTORNEY/AGENT INFORMATION:
NAME: Mirabel, Eric P.
REGISTRATION NUMBER: 31,211
REFERBNCE/DOCKET NUMBER: TNX9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 664-2288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (713) 664-8914
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                APPLICANT: Saxon, Andrew
APPLICANT: Zhang, Ke
APPLICANT: Fujieda, Shigeharu
TITLE OF INVENTION: IMMUNOGLOBULIN TRANS-SPLICED TRANSCRIPTS
                                                                                                                                                    TITLE OF INVENTION: IMMUNOGLOBULIN TO TITLE OF INVENTION: AND USES THEREOF
COMPUTER READABLE FORM:
                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Akin, Gump,
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                                                                                                                                  NUMBER OF SEQUENCES:
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                                               CITY: Austin
STATE: Texas
                                 COUNTRY:
                                                                                    STREET:
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NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: 4349
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 499-6200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (512) 499-629 INFORMATION FOR SEQ ID NO:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-624-1589
TELEFAX: 202-783-6031
                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,6
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Keating, Mark T. APPLICANT: Morris, Colleen A. TITLE OF INVENTION: Diagnosis TITLE OF INVENTION: Williams
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 60 base pairs
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STREET:
CITY: Wa
                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/678,039A FILING DATE: 10-JUL-1996 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: PC-DOS/MS-DUS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
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: DC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Rothwell, Figg, Ernst & Kurz, P.C. 555 Thirteenth Street, N.W., Suite 701 East
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                            YE: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Concurrently Herewith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       499-6290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Diagnosis of Williams Syndrome and Williams Syndrome Cognitive Profile by Analysis of the Presence or Absence of a LIM-Kinase Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  67.5%;
85.7%;
                                                                                                                                   38,609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          us 60/023,579
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 16.2;
Pred. No. 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 43496.0006
                                                                                                             2323-120A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 60;
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SEQUENCE CHARACTERISTICS:

ENGTH:

: 30 base pairs nucleic acid

STRANDEDNESS: TOPOLOGY: li

linear

double

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; TOPOLOGY: 1; MOLECULE TYPE: US-08-530-492-29
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (314)537-6099
TELEFAX: (314)537-6047
                                                                                                                                                                                                                                                                                                                                      FILING DATE: 800 CLASSIFICATION: 800 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Hoerner Jr., Dennis R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESSE: Dennis R. Hoerner, Jr., Monsanto Co.
ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co.
STREET: 700 Chesterfield Parkway No. 5689052th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORIGINAL SOURCE:
ORGANISM: Hom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HYPOTHETICAL: I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                            LENGTH: 43 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                         REGISTRATION NUMBER: 30,914
REFERENCE/DOCKET NUMBER: 38-21(10605)A
                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/172,333 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 63198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: St. Louis
STATE: Missouri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             y Match 62.5%;
Local Similarity 78.3%;
hes 18; Conservative
                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                28 TGGCTGTCCTGGGATGGAGAAAG 6
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). 5689052
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Dean, Duff A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sanders, Patricia R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Fromm, Michael E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
                                                                                               SS: single
linear
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                                                                               DNA (synthetic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Synthetic DNA Sequences Having Expression in Monocotyledonous Preparation Thereof
60.0%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                        US/08/530,492
                                                                                                                                                                              29:
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Score 14.4; DB 1;
Pred. No. 3.3e+02;
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               Length 43;
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Plants and Method
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US-09-363-189B-12/c
; Sequence 12, Application US/09363189B
; Patent No. 6242228
                                                                GENERAL INFORMATION:
APPLICANT: SUGIYAM
APPLICANT: TONOUCH
APPLICANT: SUZUKI
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US-08-906-517-29/c
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                                                                                                                                                                                                                                                                                                         Query Match
Best Local S
Matches 18
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              APPLICANT: SUGIYAMA, MASAKAZU
APPLICANT: TONOUCHI, NAOTO
APPLICANT: SUZUKI, SHUNICHI
APPLICANT: YOKOZEKI, KENZO
TITLE OF INVENTION: XYLITOL DEHYDROGENASE OF ACETIC ACID BACTERIA AND GENE
FILE REFERENCE: 0010-1024-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Brown,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 512-418-30
TELEFAX: 512-474-7577
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: MOBT
TELECOMMUNICATION INFORMATION:
CURRENT APPLICATION NUMBER: US/09/363,189B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: Concurrent
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TITLE OF INVENTION: Synthetic DNA Seque
TITLE OF INVENTION: Expression in Monoco
TITLE OF INVENTION: Preparation Thereof
NUMBER OF SEQUENCES: 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                         25
                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                         tggctggtctgggatgtcggaagg 24
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6180774
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                                                                                                                                                                                                                                                                                                                           Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 43 base pairs
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P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Brown, Sherri M.
Dean, Duff A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Fromm, Michael E
                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    512-418-3000
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                                                                                                                                                                                                                                                                                                                       60.0%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Synthetic DNA Sequences Having Enhanced Expression in Monocotyledonous Plants and Method For
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US/08/906,517
                                                                                                                                                                                                                                                                                                           0;
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                                                                                                                                                                                                                                                                                                         Score 14.4; D
Pred. No. 3.3e
0; Mismatches
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                                                                                                                                                                                                                                                                                                         DB 4;
3.3e+02;
nes 6;
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                                                                                                                                                                                                                                                                                                                                           Length 43;
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                                                                                                                                                                                                                                                                                                           0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
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                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                           0;
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US-08-089-996-36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: F
SEQ ID NO 12
LENGTH: 31
                       Query Match
Best Local Similarity
   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 36, Application US/08089996 Patent No. 5703054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                          APPLICATION UMBER: US/08/089
APPLICATION UMBER: US/08/089
FILING DATE: 19930709
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UMBER: 852,852
ETLING DATE: MAICh 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION UMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                              TELEFAX: (215) 568-34 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE:
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 199
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                   TOPOLOGY:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of Protein
TITLE OF INVENTION: Kinase C
NUMBER OF SEQUENCES: 62
                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: One Liberty
CITY: Philadelphia
STATE: PA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5703054ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                             TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        22 TGGTCCGGGACTTCGGAAG 4
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   14;
                                                                                                                                                                        nucleic acid
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     Conservative
                                                                                                                   yes
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                                                                                                                                    linear
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84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1999-07-26
BER: JP10-216047
 58.3%; Score 14; DB 1;
100.0%; Pred. No. 4.6e+(
tive 0; Mismatches
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Pred. No. 3.9e+02;
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                       4.6e+02
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                                    Length 20
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US-08-478-178A-36/c
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                                                                                                                                                                                                 Sequence 36, Application US/08488177 Patent No. 5885970
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GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/478
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: 1512
REFERENCE/DOCKET NUMBER: 1513
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1000
TELECOMMU
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APPLICANT: Nichol
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKTITE, 3.5 INCH, 1.44 Mb STORAGE
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ADDRESSEE: Moodcock Washburn Kurtz
ADDRESSEE: Mocklewicz 6 No. 5882927ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: line
ANTI-SENSE: yes
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OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
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TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protectin
NUMBER OF SEQUENCES: 121
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CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn ADDRESSEE: Mackiewicz & No. STREET: One Liberty Place -

Woodcock Washburn Kurtz

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46th Floor 5885970ris

Philadelphia

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US-08-481-072A-36/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 36, Application US/08481072A Patent No. 5916807
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION: APPLICANT: Nichol
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Paul K. Legaard REGISTRATION NUMBER: 38,534 REFERENCE/DOCKET NUMBER: IS TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Oligonuc
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 852,852 FILING DATE: March 16, 1992 ATTORNEY/AGENT INFORMATION:
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FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                               CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
APPLICATION NUMBER: 852, FILING DATE: March 16, 1 ATTORNEY/AGENT INFORMATION:
                                                                                                                    SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
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CURRENT APPLICATION DATA:
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REDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                      COMPUTER: IBM PS/
OPERATING SYSTEM:
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19 TGGCTGGTCTGGGA 6
                                                                                     APPLICATION NUMBER: US/08/481,072A FILING DATE: herewith
                                                                                                                                                                                                                               COUNTRY: UZIP: 19103
                                                                                                                                                                                                                                                                                            ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5916807ris
STREET: One Liberty Place - 46th Floor
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STRANDEDNESS: singl
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/ENTION: Oligonucleotide Modulation of
                                                                                                                                                                          IBM PS/2
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                                  852,852
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Pred. No.
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RESULT 12
US-08-664-336-36/c
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; ANTI-SENSE:
US-08-664-336-36
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FILING DATE: MARCH 16, 1992
PRIOR APPLICATION DATA:
APPLICATION UMBER: 089,996
APPLICATION UMBER: 089,996
FILING DATE: July 9, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                        TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO: 3
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REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
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TITLE OF INVENTION: Oligonucleotide Modulation of Protein
                                                                                                      SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/664,336 FILING DATE: herewith CLASSIFICATION: 536
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STATE: PA
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STRANDEDNESS: singl
                                   TOPOLOGY:
                                                  STRANDEDNESS:
                                                                                                                                                                                             NAME: Paul K. Legaard REGISTRATION NUMBER: 38, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 592268
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100.0%;
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Pred. No.
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Local

. Similarity 14; Conserv

Conservative

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Pred. No. 4.6e+02; Mismatches 0;

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US-08-578-615A-36/c
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                                                                                                         Sequence 36, Application US/08578615A Patent No. 6015892
                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                      Query Match
                GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
NUMBER OF SEQUENCES: 122
                                                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 5959096
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,8
FILING DATE: MARCH 16, 11
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear ANTI-SENSE: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Oligonucleotide NTITLE OF INVENTION: Protein Kinase C NUMBER OF SEQUENCES: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                 19 TECCTECTECEA 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Rebecca Ralph Gaumond REGISTRATION NUMBER: 35,152 REFERENCE/DOCKET NUMBER: IS:
                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
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FILING DATE: herewith
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Macklewicz & No. 5959096ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                   . 1 tggctggtctggga 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Nicholas Dean, C. Frank Bennett
VENTION: Oligonucleotide Modulation of
                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                                         yes
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 Woodcock Washburn Kurtz Mackiewicz & No.
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100.0%;
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                                                                                                                                                                                                                                                                                                       Score 14;
Pred. No.
                                                                                                                                                                                                                                                                                     0;
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                                                                                                                                                                                                                                                                                                       4.6e+02
                                                                                                                                                                                                                                                                                                                  Length 20;
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6015892ris LLP
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RESULT 15
PCT-US93-02213-36/c
; Sequence 36, Application PC/TUS9302213
; GENERAL INFORMATION:
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; ANTI-SENSE:
US-08-578-615A-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (215) 568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                  APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modula
TITLE OF INVENTION: Kinase C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                           CURRENT APPLICATION DATA:
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 22-FEB-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                      COMPUTER: IBM PS, OPERATING SYSTEM:
                                                                                                                                                                         STREET: One Liberty CITY: Philadelphia
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CLASSIFICATION
                                                                                                                                  COUNTRY: US
ZIP: 19103
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               FILING DATE:
                             APPLICATION NUMBER:
                                                          SOFTWARE:
                                                                                                                                                                                                         ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
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                                                        WORDPERFECT 5.0
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100.0%;
                                                                         PC-DOS
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                             PCT/US93/02213
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                                                                                                   3.5 INCH, 1.44 Mb STORAGE
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Pred. No.
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                                                                                                                                                                                             46th Floor
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APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY_AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKER NUMBER: ISIS-0872
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPHONE: (215) 568-3100
TELEPHAN: (215) 568-3439
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDENESS: single
TOPOLOGY: linear
NOTISENESS: yes
PCT-US93-02213-36

Query Match
Dest Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 tggctggtctggga 14
Db 19 TGGCTGGTCTGGGA 6

Search completed: March 9, 2002, 00:54:06
Job time: 11357 sec
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